

WHAT IS CLAIMED IS:

1. A color reproduction characteristic display
apparatus for displaying color reproduction characteristics
5 wherein an association between coordinates of a first color
space defining a color on image data and coordinates of a
second color space defining a color on an image are defined
in accordance with a device for mediating between the image
data and the image, said color reproduction characteristic
10 display apparatus comprising:

a range designation section for designating a
desired coordinate range in said first color space in
accordance with an operation; and

an image display section for displaying a color
15 reproduction image in which there are plotted coordinate
points on said second color space associated with
coordinates within the coordinate range designated by said
range designation section of coordinates of lattice points
wherein said first color space is partitioned as a lattice.

20 2. A color reproduction characteristic display
apparatus according to claim 1, wherein said image display
section optionally displays the color reproduction image on
a two-dimensional display basis or a three-dimensional
25 display basis in accordance with an operation.

3. A color reproduction characteristic display

apparatus according to claim 1, further comprising a display plot designation section for designating a desired point of points plotted on the color reproduction image in accordance with an operation,

5 wherein said image display section displays the color reproduction image and in addition coordinate values on said first color space and coordinate values on said second color space, which correspond to the point on the color reproduction image designated by said display plot designation section.

10 4. A color reproduction characteristic display apparatus according to claim 1, further comprising a display plot designation section for designating a desired point of points plotted on the color reproduction image in accordance with an operation,

15 wherein said image display section displays the color reproduction image and in addition information as to a distance in said second color space, between two points on the color reproduction image designated by said display plot designation section.

20 5. A color reproduction characteristic display apparatus according to claim 1, wherein said image display section has a mode wherein a plurality of color reproduction images associated with a plurality of output devices is displayed on a superposing basis.

6. A color reproduction characteristic display
program storage medium storing a color reproduction
characteristic display program which causes a computer to
5 operate as a color reproduction characteristic display
apparatus for displaying color reproduction characteristics
wherein an association between coordinates of a first color
space defining a color on image data and coordinates of a
second color space defining a color on an image are defined
10 in accordance with a device for mediating between the image
data and the image, said color reproduction characteristic
display program comprising:

a range designation section for designating a
desired coordinate range in said first color space in
15 accordance with an operation; and

an image display section for displaying a color
reproduction image in which there are plotted coordinate
points on said second color space associated with
coordinates within the coordinate range designated by said
20 range designation section of coordinates of lattice points
wherein said first color space is partitioned as a lattice,